

APPENDIX

AMENDED CLAIMS WITH AMENDMENTS INDICATED THEREIN BY BRACKETS AND UNDERLINING

12. (Amended) A system according to any one of [the preceding] claims 1 to 8, wherein said storage means form part of a computer.

15. (Amended) A system according to [any one of claims] claim 12 [to 14], wherein the comparator means take the form of software configured to perform a sequence of operations using the reference data and the output signal in order to generate the error signal.

17. (Amended) A system according to [any one of claims] claim 10 [to 16], wherein the variation display means are disposed on or adjacent the housing to provide direct feedback of the error signal to the operator while working on the vehicle.

18. (Amended) A system according to any one of [the preceding] claims 1 to 8, further including recordal means adapted to record the error signal in relation to the corresponding reference dimension in response to a command input by an operator, thereby to provide a record of the extent of structural deviation from specification after repair work has been carried out.

20. (Amended) A system according to [any one of claims] claim 10 [to 19], further including a remotely operable scrolling mechanism located on or adjacent the housing, to permit an operator to scroll through a range of selected

reference dimensions and to view on the variation display means a corresponding sequence of calculated variation measurements derived from the error signals while working on the vehicle.

21. (Amended) A system according to any one of [the preceding] claims 1 to 8, further including a datum bar, a pair of first carriage assemblies slidably mounted to the datum bar, attachment means adapted releasably to secure each of said first carriage assemblies to a respective datum point on the vehicle and thereby to suspend the datum bar in a transverse orientation beneath the vehicle, and a trammel bar connected at one end to said datum bar by connection means, the connection means being adjustable to selected positions along the datum bar and permitting a degree of universal movement of the trammel bar relative to the datum bar.

24. (Amended) A system according to [any one of claims] claim 10 [to 23], wherein said housing further includes a slideable reference pointer adapted for connection with the vertically oriented measuring tape for engagement with selected datum points on the vehicle such that with the trammel bar in a generally horizontal orientation, the vertical tape provides a measure indicative of the vertical distance between the datum bar and the reference pointer and the horizontal tape provides a measure indicative of the vertical distance between the datum bar and the reference pointer and the horizontal tape provides a measure of the horizontal distance between the datum bar and the reference pointer.